



GARY R. HERBERT
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GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Task: 4983

October 16, 2012

Certified Return Receipt Requested
7011 01140 0001 3568 0277

Kevin Butters
Towers Sand and Gravel, LLC
760 North Harrisville Road
Harrisville, Utah 84404

Subject: Sixth Review of Notice of Intention to Commence Large Mining Operations Towers Sand and Gravel, LLC, Towers Sand and Gravel Mine, M/057/0006, Weber, Utah

Dear Mr. Butters:

The Division of Oil, Gas and Mining has completed a review of the referenced Notice of Intention to Commence Large Mining Operations. The attached comments will need to be addressed before tentative approval may be granted.

Please note that this review does not address the reclamation cost estimate that still needs to be finalized.

Please submit your response to this review by November 15, 2012

The Division will suspend further review of the Notice of Intention until your response to this letter is received. Please contact Lynn Kunzler (Lk) at 801-538-5310, Tom Munson (tm) at 801-538-5321, or me at 801-538-5261 if you have questions about the review. Thank you for your cooperation in completing this permitting action.

Sincerely,

Paul B. Baker
Minerals Program Manager

PBB: Lk: eb

Attachment: Review

P:\GROUPS\MINERALS\WP\M057-Weber\M0570006-TowersLMO\final\REV6-4983-08272012.doc



**6th REVIEW OF NOTICE OF INTENTION
TO COMMENCE LARGE MINING OPERATIONS**

**Towers Sand and Gravel, LLC
Towers Sand and Gravel Mine**

**M/057/0006
October 15, 2012**

R647-4-106 - Operation Plan

106.2 - Type of operations conducted, mining method, processing etc.

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
1	Cover letter	Under comment 7, the cover letter says you wish to include costs for future portable asphalt and concrete plants, but plans descriptions, and details for these facilities were not provided. The Division needs this information in the plan if these facilities are to be considered as part of the approved operation.	lk and pbb	

106.8 - Depth to groundwater, extent of overburden, geology

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
2		Please state whether an agreement exists with the water rights owner, Jerry V. Larsen, with regard to the potential disruption of the Hunt's Rock Spring. A copy of the agreement should be included in an appendix. The statement that the water rights are owned by the entities comprising Towers does not satisfy this requirement. The Division needs documentation or a letter from the water rights owner.	tm	

R647-4-109 - Impact Assessment

109.1 - Impacts to surface & groundwater systems

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
3	Appendix G-6	Please provide an explanation for the parameters used for the hydrology calculations in Appendix G-6. Providing references for the assumptions made and numbers used should satisfy this comment.	tm	

R647-4-110 - Reclamation Plan

110.5 - Revegetation planting program

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action

Sixth Review
Page 3 of 3
M/057/0006
October 16, 2012

Comment #	Sheet/Page/Map/Table #	Comments	Initials	Review Action
4	Page 12	This comment from the previous review was not addressed: " <i>The revegetation plan also needs to include ripping the area to a minimum depth of 12 inches after topsoil replacement. Seeding should take place right after ripping and should be scheduled for late fall to take advantage of the best window for vegetation establishment.</i> " Please provide an appropriate response to this comment.	lk	